

ABSTRACT

A scheduling method and base station apparatus capable of maintaining an upstream line transfer rate in a local cell, while suppressing an adverse affection, which would otherwise be caused by interference, on another cell, that is, the reduction of an upstream line transfer rate in the other cell. In the apparatus, an upstream scheduler (120) calculates, based on a measurement result of reception SIR for each of the subcarriers of the upstream signals of the respective wireless communication terminal apparatuses (200), an average reception SIR of each upstream signal thereof, and then sequentially selects ones of the wireless communication terminal apparatuses (200) having lower calculated average reception SIRs. In addition, the upstream scheduler (120) assigns, to the selected ones of the wireless communication terminal apparatuses (200), upstream signal subcarriers that have not been assigned, in such a manner that sequentially assigns ones of the upstream signal subcarriers having higher reception SIRs and indicated by the measurement results of the selected wireless communication terminal apparatuses (200) received from a reception quality measuring part (112).